Fall 2012

CS 1160: Introduction to Computer Programming I

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Office hours: 12:30 pm – 2:00 pm MW
2:30 pm – 3:30 pm TR
and by appointment

Course description: Basic concepts of computer programming with an emphasis on structured programming techniques. Includes an introduction to object-oriented programing. Integrated lecture/lab.

Textbook: Big Java, Late Objeects, Cay Horstmann, John Wiley and Sons, Inc.
ISBN 978-1-118-08788-6
Also required: A USB drive for storing and backing up your class work and projects.

Software: This course uses the Java programming language and the NetBeans IDE.
To install on a home PC: Download the latest version of Java and NetBeans at this site: http://www.oracle.com/technetwork/java/javase/downloads/index.html. Click on the NetBeans icon labeled "jdk 7u6 + NetBeans "; then choose the **Windows jdk-7u6-nb-7_ 2-windows-x64-ml.exe** download. Click on "Save" to begin the download. Once it has downloaded, double-click the file icon to install. (Note: if this doesn't install correctly, verify that you have a 64-bit operating system. TO do this, choose "Computer" from the start menu, then choose "System Properties." If you do NOT have 64-bit listed, try the Windows jdk-7u6-nb-7_ 2-windows-i586-ml.exe download.**)**
To install on a Mac: Java is pre-installed on Macs so you need to install NetBeans only. From http://netbeans.org click the "Download Free NetBeans IDE 7.2" button, then choose the "Java SE" download.

Pilot/campus email: http://pilot.wright.edu Pilot will be used in this course for submitting projects and for accessing course materials and grades. It is the student's responsibility to check the Pilot site, as well as his/her WSU email, for course announcements, updates to project requirements, etc.

Lab Facilities: Open labs are available for your use in the Russ Engineering Center (rooms 152B and 152D). Russ labs are open 24/7, but entrance to the building is not. Check the hours posted by the entrances to Russ for specific hours. Although you may find it convenient to work at home, make a note of these lab locations in the event that you have a problem with your personal computer (hard drive crash, inability to print, etc.). Because lab facilities are so widely available at Wright State, personal computer issues are not an acceptable excuse for turning in late work.

Help Room: The Department of computer Science and Engineering maintains a help room, staffed by upper-level students, for students in introductory programming classes. The help room is located in Russ 308. Help room hours will be posted on the course web site once they are determined.

Students with disabilities: Any student with a disability must inform the instructor of the special accommodations needed as soon as possible. The Office of Disability Services can provide an evaluation to determine what accommodations are appropriate.

Academic misconduct: While much of the in-class work will be completed in groups, the programming assignments musts be completed individually. Credit will not be given for work that duplicates another student's work or that was completed as a team effort. The university policy on academic misconduct will be followed in cases where academic dishonesty is suspected. This policy can be found at http://www.wright.edu/students/judicial/integrity.html

Attendance and Grading Policies

Attendance/Classroom work: In-class activities will contribute greatly to your understanding of the course material. Therefore, attendance and participation is mandatory. This portion of your grade will be calculated as a percentage of points earned versus points possible. There are several types of work and activities that will contribute to this portion of your grade including, but not limited to, written homework assignments (to be collected and/or discussed in class), class participation, in-class quizzes. There is no mechanism for making up missed work of this type; also, no points will be earned if you are absent or not fully engaged in the classroom activity; partial points will be earned if you are tardy. The number of points possible is yet to be determined, but all class sessions will be weighted equally.

Because group work will play a significant role in classroom work, it is important that you understand and abide by the following "**Norms of Cooperative Behavior**" (adapted with permission from Dr. Brian Boyd's Math 345/645 syllabus):

1. Everyone has the responsibility to listen carefully and with respect to the others in the group, and to encourage all members to participate.
2. Everyone has the right to ask questions in an effort to understand the material.
   - Do not change your mind unless you are logically persuaded
   - Do not let the majority rule unless their ideas can be justified.
3. Everyone has the responsibility to contribute to the group tasks in a timely manner.
4. Everyone has the responsibility to ask for help when needed.
5. Everyone has the responsibility to help others in the group when asked.

Projects: Three (3) programming projects will be assigned during the semester. Due dates/times for projects will be posted on the course web site. Late work will be accepted up to 24 hours after the initial deadline, but will incur a 10% penalty. Work will not be accepted after the 24-hour grace period. **If projects are not uploaded correctly, do not compile, or do not run in the NetBeans environment they will not be graded -- they will receive a 0**. Projects that run but are incomplete will be given partial credit.

Exams: Three exams will be given. Normally, **makeup exams will not be given**. However, there are two exceptions: (1) the student has an extremely important, binding engagement the same time as the exam. In this case, the student must make arrangements with the instructor to take the exam **before** the scheduled time. (2) The student has an extreme illness or emergency that prevents him/her from taking the exam. In this case, the student must contact the instructor within 24 hours of the exam time to arrange a make-up, and the student must be able to provide documentation of the illness/emergency. Exams are closed book, closed notes, no computer. However, one 3" x 5" note card may be used for each exam. Information on the card may be handwritten or printed; both sides may be used.

Grading: The course grade will be calculated by weighting the various graded components of the course as given below. The grading scale is [90-100] A; [80-90) B; [70-80) C; [60-69) D; [0-60) F.

Participation (homework assignments/in-class work/quizzes): 20%
Programming projects: 35%
Exams (15% each): 45%